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**United States  
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Agriculture**

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# Plant Variety Protection Office Official Journal



## PREFACE

THE PLANT VARIETY PROTECTION ACT (7 U.S.C. 2321 ET SEQ.) AUTHORIZES THE SECRETARY OF AGRICULTURE TO PUBLISH AN OFFICIAL JOURNAL TO PROVIDE THE PUBLIC WITH INFORMATION RELATING TO THE OPERATIONS OF THE PLANT VARIETY PROTECTION OFFICE. THE STATUTE ALSO AUTHORIZES THE SECRETARY TO DISSEMINATE TECHNOLOGICAL AND OTHER INFORMATION THAT ENCOURAGES INNOVATION AND PROGRESS IN PLANT BREEDING.

THE OFFICIAL JOURNAL, PUBLISHED QUARTERLY, IS AVAILABLE FROM:

PLANT VARIETY PROTECTION OFFICE  
LIVESTOCK, POULTRY, GRAIN & SEED DIV., AMS  
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APPLICATIONS RECEIVED  
OCTOBER 1, 1981 TO DECEMBER 31, 1981

APPLICATIONS FOR PROTECTION HAVE BEEN FILED FOR THE FOLLOWING VARIETIES. EACH APPLICATION HAS BEEN ASSIGNED AN APPLICATION NUMBER AND WILL BE EXAMINED TO DETERMINE WHETHER THE VARIETY IS ENTITLED TO A CERTIFICATE OF PROTECTION. SEED OF THESE VARIETIES MAY BE LABELED "UNAUTHORIZED PROPAGATION PROHIBITED - U.S. VARIETY PROTECTION APPLIED FOR."

KIND	APPL. NO.	VARIETY	APPL. DATE	NAME OF APPLICANT
ALFALFA	8200030	WL 315	811123	W-L RESEARCH, INC.
	8200031	WL 316	811123	W-L RESEARCH, INC.
	8200034	SPREDOR 2	811211	NORTHUP KING CO.
	8200035	APOLLO II	811211	NORTH AMERICAN PLANT BREEDERS
	8200036	BARON	811211	NORTH AMERICAN PLANT BREEDERS
BARLEY	8200037	THUNDER	811211	NORTH AMERICAN PLANT BREEDERS
	8200039	425	811216	NORTHUP KING CO.
	* 8200014	FIESTA PINTO	811030	LESLIE L. DEAN
	8200007	<9400>	811022	AGRIGENETICS CORPORATION
	8200005	<MAFFEI 15>	811019	L.D. MAFFEI SEED CO., INC.
BEAN, FIELD	8200024	ANDY BOY NO. 905	811116	D'ARRIGO BROS. CO. OF CA.
	8200029	DELTAPINE 30	811123	DELTA AND PINE LAND CO.
	8200051	STONEVILLE 302	811229	STONEVILLE PEDIGREED SEED CO.
	8200040	BIG BOY PURPLEHULL	811216	NORTHUP KING CO.
	8200018	LOB1	811104	ZELDER B. V., NETH.
BEAN, GARDEN	8200020	MARY	811105	MOMMERSTEEG INTERNATIONAL B.V.NETH
	8200023	CENTURION	811113	QUALI-SEL, INC.
	8200027	EL TORO	811123	MORAN SEEDS, INC.
	8200004	BONANZA YELLOW	811005	DENHOLM SEEDS
	8200017	<XANTHO-ORANGE>	811103	W. AILEE BURPEE CO.
BROCCOLI RAB	8200015	DAY BROTHERS	811030	QUALI-SEL, INC.
	8200019	OMO M	811105	MORAN SEEDS, INC. & OSHITA, INC.
	8200022	MOBITE	811105	MOMMERSTEEG INTERNATIONAL B.V.NETH
COTTON				
COWPEA				
FESCUE, CHEWINGS				
LETTUCE				
MARI GOLD				
ONION				
ORCHARD GRASS				

(2)

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\*TO BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED  
< > IDENTIFIES TEMPORARY DESIGNATIONS  
( ) NO. OF GENERATIONS OF CERTIFIED SEED PERMITTED BEYOND BREEDER'S SEED

APPLICATIONS RECEIVED (CONT)  
OCTOBER 1, 1981 TO DECEMBER 31, 1981

KIND	APPL. NO.	VARIETY	APPL. DATE	NAME OF APPLICANT
PEA, GARDEN	8200008	TITANIA	811026	HURST, GUNSON, COOPER, TABER, U.K.
	8200009	DEW	811026	ASGROW SEED CO.
	8200010	DUAL	811026	ASGROW SEED CO.
	8200011	<XP-C113>	811026	ASGROW SEED CO.
	8200012	<XP-C114>	811026	ASGROW SEED CO.
	8200013	<XP-C115>	811026	ASGROW SEED CO.
RADISH	8200025	SNOW BELLE	811116	ALF. CHRISTIANSON SEED CO.
RYE	8200003	FORAGER	811009	SUN RISE, INC.
RYEGRASS, ANNUAL	8200021	MULTIMO	811105	MOMMERSTEEG INTERNATIONAL B.V.NETH
	8200042	CARAMBA	811215	MOMMERSTEEG INTERNATIONAL B.V.NETH
RYEGRASS, PERENNIAL	8200041	CROWN	811215	MOMMERSTEEG INTERNATIONAL B.V.NETH
	8200043	DELRAY	811218	NORTHROP KING CO.
	8200044	GOALIE	811218	NORTHROP KING CO.
SOYBEAN	* 8200049	LAKOTA	811229	IOWA AGRIC. & HOME ECON. EXPT. STA.(3)
	* 8200050	VINTON 81	811229	IOWA AGRIC. & HOME ECON. EXPT. STA.(3)
TOBACCO	8200001	K399	811002	NORTHROP KING CO.
	* 8200038	N77	811209	NEWTON SEED, INC.
	* 8200046	N126	811221	NEWTON SEED, INC.
TOMATO	8200028	SUPER BEEFSTEAK	811123	W. ATLEE BURPEE CO.
TRITICALE	8200026	NUTRICALE	811118	FRED C. ELLIOTT
	8200032	<6TA476>	811123	DESSERT SEED CO., INC.
TURNIP	8200045	ROYAL GEM	811221	JOSEPH HARRIS CO., INC.
WATERMELON	8200047	CHUBBY GRAY	811223	COFFEY SEED CO.
	8200048	EARLY GRAY	811223	COFFEY SEED CO.
WHEAT, COMMON	* 8200002	WALERA	811008	NORTHROP KING CO.
	8200006	835	811019	NORTHROP KING CO.
	8200016	BAILEY 4287	811103	BAILEY SEED FARMS, BSF AG RESEARCH
	8200033	817	811207	NORTHROP KING CO.

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< > IDENTIFIES TEMPORARY DESIGNATIONS

( ) NO. OF GENERATIONS OF CERTIFIED SEED PERMITTED BEYOND BREEDER'S SEED

APPLICATIONS AMENDED  
OCTOBER 1, 1981 TO DECEMBER 31, 1981

INFORMATION CONCERNING THE VARIETIES LISTED BELOW HAS BEEN PUBLISHED PREVIOUSLY IN THE OFFICIAL JOURNAL'S LIST OF "APPLICATIONS RECEIVED". DURING THE EXAMINATION PROCESS, THE APPLICANT REQUESTED THIS INFORMATION TO BE AMENDED AS INDICATED BELOW.

KIND	APPL. NO.	VARIETY	APPL. DATE	NAME OF APPLICANT
BEAN, GARDEN	7900045	EMPRESS	790214	AGRIGENETICS CORPORATION
		NAME OF APPLICANT CHANGED FROM SUN SEEDS INC. TO AGRIGENETICS CORPORATION.		
	8000121	PEAK	800512	ASGROW SEED CO.
		VARIETY WITH TEMPORARY DESIGNATION OF XP-B108 NAMED 'PEAK'.		
	8000123	FLO	800512	ASGROW SEED CO.
		VARIETY WITH TEMPORARY DESIGNATION OF XP-B3069 NAMED 'FLO'.		
BLUEGRASS, KENTUCKY	8100127	CARDINAL	810615	CEBECO-HANDELSRAAD, NETH.
		VARIETY NAME CHANGED FROM 'CONDOR' TO 'CARDINAL'.		
CLOVER, RED	* 8000124	RUBY	800516	DAIRYLAND SEED CO., INC.
		TO BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED.		

(2)

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APPLICATIONS AMENDED (CONT)  
OCTOBER 1, 1981 TO DECEMBER 31, 1981

KIND	APPL. NO.	VARIETY	APPL. DATE	NAME OF APPLICANT	
SOYBEAN	8000126 L4503	VARIETY WITH TEMPORARY DESIGNATION OF LL-4503 NAMED 'L4503'.	800516	LAND O' LAKES, INC.	
	8000127 L4504	VARIETY WITH TEMPORARY DESIGNATION OF LL-4504 NAMED 'L4504'.	800516	LAND O' LAKES, INC.	
	* 8100089 AP 55	VARIETY WITH TEMPORARY DESIGNATION OF AGRIPRO AP 55 NAMED 'AP 55'.	810406	NORTH AMERICAN PLANT BREEDERS	(3)
	* 8100095 COKER 317	TO BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED.	810413	COKER'S PEDIGREED SEED CO.	(3)

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CERTIFICATES AMENDED  
OCTOBER 1, 1981 TO DECEMBER 31, 1981

THE FOLLOWING CERTIFICATES HAVE BEEN AMENDED IN ACCORDANCE WITH SECTIONS 180.103, 180.122, AND 180.130 OF THE REGULATIONS AND RULES OF PRACTICE UNDER THE PLANT VARIETY PROTECTION ACT.

KIND	CERT. NO.	VARIETY	ISSUE DATE	NAME OF OWNER	
COTTON	* 7200081	TPSA 1633	750808	VALLEY CO-OP OIL MILL	(3)
NAME OF OWNER CHANGED FROM TEXAS PLANTING SEED ASSOCIATION TO VALLEY CO-OP OIL MILL.					

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( ) NO. OF GENERATIONS OF CERTIFIED SEED PERMITTED BEYOND BREEDER'S SEED

APPLICATIONS ABANDONED, WITHDRAWN, DENIED, OR INELIGIBLE  
OCTOBER 1, 1981 TO DECEMBER 31, 1981

APPLICATIONS FOR THE VARIETIES LISTED BELOW ARE NO LONGER BEING CONSIDERED FOR U.S. PLANT VARIETY PROTECTION. PROPAGATION OF THESE VARIETIES IS NO LONGER PROHIBITED BY THE U.S. PLANT VARIETY PROTECTION ACT. VARIETIES PUBLISHED IN THIS LIST MAY POSSIBLY BE PROTECTED UNDER THE PATENT ACT.

KIND	APPL. NO.	VARIETY
ALFALFA	8000146	ORO VERDE
RYEGRASS, ANNUAL	7400041	SABEL
	7400042	LYRA
RYEGRASS, PERENNIAL	8100040	BONITA

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< > IDENTIFIES TEMPORARY DESIGNATIONS

CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM  
OCTOBER 1, 1981 TO DECEMBER 31, 1981

CLAIMS OF THE APPLICANT REGARDING ELIGIBILITY FOR PLANT VARIETY PROTECTION AND NOVELTY AS STATED BELOW HAVE BEEN SUBSTANTIATED FOR THE FOLLOWING VARIETIES, AND CERTIFICATES OF PLANT VARIETY PROTECTION HAVE BEEN ISSUED. SEED OF THESE VARIETIES MAY BE LABELED AS FOLLOWS: "UNAUTHORIZED PROPAGATION PROHIBITED - U.S. PROTECTED VARIETY."

KIND	APPL. NO.	VARIETY	ISSUE DATE	OWNER
ALFALFA	8100035	RERE	811119	CROP RESEARCH DIV., DSIR, N. ZEAL.
		'RERE' MOST CLOSELY RESEMBLES 'WL 514' AND 'CUF 101'; HOWEVER, 'RERE' IS A VARIEGATED VARIETY, WHEREAS 'WL 514' AND 'CUF 101' ARE BOTH NONVARIEGATED IN REGARD TO FLOWER COLOR.		
BEAN, FIELD	* 8100036	EBONY	811210	WILBUR-ELLIS CO. (3)

'EBONY' IS MOST SIMILAR TO 'BLACK BEAUTY'; HOWEVER, MATURE PODS OF 'EBONY' ARE LIGHT GRAY #264, WHEREAS PODS OF 'BLACK BEAUTY' ARE BLACKISH RED #21 (ISCC-NATIONAL BUREAU OF STANDARDS CENTROID COLOR CHART, NBS CIRCULAR 553). ALSO MATURE PODS HAVE LESS TENDENCY TO SHATTER IN 'EBONY' THAN IN 'BLACK BEAUTY'.

BEAN, GARDEN	8000121	PEAK	811119	ASGROW SEED CO.
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'PEAK' IS MOST SIMILAR TO 'GATOR GREEN'; HOWEVER, 'PEAK' REACHES A GIVEN SIEVE SIZE DISTRIBUTION 2 DAYS EARLIER THAN 'GATOR GREEN', HAS A LOWER PERCENTAGE OF SEED AT ANY SIEVE SIZE, AND DEVELOPS LESS POD FIBER THAN 'GATOR GREEN'.

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CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM (CONT)  
OCTOBER 1, 1981 TO DECEMBER 31, 1981

KIND	APPL. NO.	VARIETY	ISSUE DATE	OWNER
CHRYSANTHEMUM	7900026	APPLAUSE BRONZE SHADES	811210	FERRY-MORSE SEED CO.
'APPLAUSE BRONZE SHADES' IS MOST SIMILAR TO SUTTONS CHARM; HOWEVER, 'APPLAUSE BRONZE SHADES' IS HIGHLY DAYLENGTH INSENSITIVE. WHEREAS SUTTONS CHARM IS DAYLENGTH SENSITIVE.				
	7900027	APPLAUSE WHITE SHADES	811210	FERRY-MORSE SEED CO.
'APPLAUSE WHITE SHADES' IS MOST SIMILAR TO SUTTONS CHARM; HOWEVER 'APPLAUSE WHITE SHADES' IS HIGHLY DAYLENGTH INSENSITIVE. WHEREAS SUTTONS CHARM IS DAYLENGTH SENSITIVE.				
	7900028	APPLAUSE LAVENDER SHADES	811210	FERRY-MORSE SEED CO.
'APPLAUSE LAVENDER SHADES' IS MOST SIMILAR TO SUTTONS CHARM; HOWEVER, 'APPLAUSE LAVENDER SHADES' IS HIGHLY DAYLENGTH INSENSITIVE. WHEREAS SUTTONS CHARM IS DAYLENGTH SENSITIVE.				
	7900029	APPLAUSE YELLOW SHADES	811210	FERRY-MORSE SEED CO.
'APPLAUSE YELLOW SHADES' IS MOST SIMILAR TO SUTTONS CHARM; HOWEVER, 'APPLAUSE YELLOW SHADES' IS HIGHLY DAYLENGTH INSENSITIVE. WHEREAS SUTTONS CHARM IS DAYLENGTH SENSITIVE.				

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CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM (CONT)  
OCTOBER 1, 1981 TO DECEMBER 31, 1981

KIND	APPL. NO.	VARIETY	ISSUE DATE	OWNER
COTTON	* 8100029	DELCO 311	811119	CURATORS OF THE UNIV. OF MISSOURI (3)
		'DELCO 311' IS MOST SIMILAR TO 'DELCO 277J'; HOWEVER, 'DELCO 311' HAS SHORTER LINT FIBERS (1.12 VS 1.19 INCHES). AND IS RESISTANT TO BACTERIAL BLIGHT RACES 1, 2, 10, 11, AND 12, WHEREAS 'DELCO 277J' IS SUSCEPTIBLE.		
	8100072	DELTAPINE 120	811119	DELTA AND PINE LAND CO.
		'DELTAPINE 120' MOST NEARLY RESEMBLES 'DELTAPINE 61'; HOWEVER, 'DELTAPINE 120' HAS A CLUSTER FRUITING BRANCH TYPE, WHEREAS 'DELTAPINE 61' HAS A NORMAL FRUITING BRANCH TYPE. 'DELTAPINE 120' ALSO HAS A HIGHER FIBER LINT PERCENTAGE (35.6 VS 33.8%) THAN 'DELTAPINE 61'.		
	8100098	DELTAPINE SR-980	811119	DELTA AND PINE LAND CO.
		'DELTAPINE SR-980' MOST NEARLY RESEMBLES 'DELTAPINE SR-2'; HOWEVER, 'DELTAPINE SR-980' IS RESISTANT TO VERTICILLIUM WILT, WHEREAS 'DELTAPINE SR-2' IS SUSCEPTIBLE.		
DAHLIA	7200036	REDSKIN	811119	WALLER FLOWERSEED CO.

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CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM (CONT)  
OCTOBER 1, 1981 TO DECEMBER 31, 1981

KIND

APPL.  
NO.

VARIETY

ISSUE  
DATE

OWNER

LETTUCE

8000082 DELMAR

811210 MORAN SEEDS, INC.

'DELMAR' IS MOST SIMILAR TO 'MONTEMAR'; HOWEVER, WHEN GROWN AS A SUMMER CROP IN THE COASTAL VALLEYS OF CENTRAL CALIFORNIA, 'DELMAR' REACHES HARVEST MATURITY TWO DAYS EARLIER THAN DOES 'MONTEMAR'. ALSO, AT HARVEST MATURITY, 'DELMAR' SHOWS SIGNIFICANTLY LESS DAMAGE FROM BIG VEIN THAN DOES 'MONTEMAR', WHEN BOTH ARE GROWN IN OLPIDIUM-INFESTED SOILS.

SOYBEAN

\* 8100095 COKER 317

811119 COKER'S PEDIGREED SEED CO.

(3)

'COKER 317' IS MOST SIMILAR TO 'PICKETT 71'; HOWEVER, 'COKER 317' MATURES 8 DAYS LATER THAN 'PICKETT 71' AND IS 20 CM TALLER THAN 'PICKETT 71'.

8100132 CS 20

811119 CALLAHAN ENTERPRIZES, INC.

'CS20' IS MOST SIMILAR TO 'BEESON'; HOWEVER, 'CS20' IS SUSCEPTIBLE TO RACE 1 OF PHYTOPHTHORA ROOT ROT, WHEREAS 'BEESON' IS RESISTANT.

8100135 CS 31

811119 CALLAHAN ENTERPRIZES, INC.

'CS31' IS MOST SIMILAR TO 'WAYNE'; HOWEVER, 'CS31' HAS BROWN HILA, WHEREAS 'WAYNE' HAS BLACK HILA.

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CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM (CONT)  
OCTOBER 1, 1981 TO DECEMBER 31, 1981

KIND	APPL. No.	VARIETY	ISSUE DATE	OWNER
SOYBEAN	8100138 CS 45		811119	CALLAHAN ENTERPRIZES, INC.
'CS45' IS MOST SIMILAR TO 'BONUS'; HOWEVER, 'CS45' HAS BUFF HILA AND TAN PODS, WHEREAS 'BONUS' HAS IMPERFECT BLACK HILA AND BROWN PODS.				
	8100142 L4104		811119	LAND O' LAKES, INC.
'L4104' IS MOST SIMILAR TO 'MAX'; HOWEVER, 'L4104' IS RESISTANT TO PHYTOPHTHORA MEGASPERMA VAR SOJAE, RACES 1 AND 3. WHEREAS 'MAX' IS SUSCEPTIBLE.				
SQUASH	* 8100050 AUTUMN PRIDE		811119	NEW HAMPSHIRE AGRIC. EXPT. STA.
'AUTUMN PRIDE' MOST CLOSELY RESEMBLES 'EMERALD' AND 'MARBLEHEAD'; HOWEVER, 'AUTUMN PRIDE' FRUITS ARE PINK-BEIGE, WEIGHING 5-10 KG., WHEREAS 'EMERALD' FRUITS ARE GREEN WEIGHING 1-2 KG AND 'MARBLEHEAD' FRUITS ARE BLUE-GRAY.				
WHEAT, COMMON	* 8000078 WESTBRED 906R		811119	WESTERN PLANT BREEDERS
(3)				
'WESTBRED 906R' MOST CLOSELY RESEMBLES 'ERA' AND 'OLAF'; HOWEVER, 'WESTBRED 906R' HAS A VERY HAIRY LAST RACHIS INTERNODE, WHEREAS THE LAST RACHIS INTERNODE OF 'ERA' AND 'OLAF' IS SPARSELY HAIRY TO GLABROUS, AND 'WESTBRED 906R' HEADS 5 TO 10 DAYS EARLIER THAN 'ERA' AND 3 TO 5 DAYS EARLIER THAN 'OLAF'.				

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CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM (CONT)  
OCTOBER 1, 1981 TO DECEMBER 31, 1981

KIND	APPL. NO.	VARIETY	ISSUE DATE	OWNER	
WHEAT, COMMON	* 8000145	COKER 797	811210	COKER'S PEDIGREED SEED CO.	(3)
'COKER 797' MOST CLOSELY RESEMBLES 'COKER 68-15'; HOWEVER, 'COKER 797' IS RESISTANT TO POWDERY MILDEW, WHEREAS 'COKER 68-15' IS SUSCEPTIBLE AND 'COKER 797' HEADS 7 DAYS EARLIER THAN 'COKER 68-15'.					
	* 8000152	COKER 762	811210	COKER'S PEDIGREED SEED CO.	(3)
'COKER 762' MOST CLOSELY RESEMBLES 'COKER 747'; HOWEVER, 'COKER 762' HAS AN OBTUSE BEAK AND A PURPLE COLEOPTILE, WHEREAS 'COKER 747' HAS AN ACUTE BEAK AND A WHITE COLEOPTILE.					
	* 8000162	OSLO	811119	NORTH AMERICAN PLANT BREEDERS	(3)
'OSLO' IS MOST SIMILAR TO 'INIA 66R'; HOWEVER, 'OSLO' HAS OBLIQUE GLUME SHOULDERS, WHEREAS THE SHOULDER SHAPE OF 'INIA 66R' IS SQUARE AND 'OSLO' IS 2 DAYS LATER HEADING THAN 'INIA 66R'.					
	8100013	711	811210	NORTHRUP KING CO.	
'711' IS MOST SIMILAR TO 'SOLAR'; HOWEVER, '711' HEADS 4 DAYS EARLIER THAN 'SOLAR'.					

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CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM (CONT)  
OCTOBER 1, 1981 TO DECEMBER 31, 1981

KIND	APPL. NO.	VARIETY	ISSUE DATE	OWNER	
WHEAT, COMMON	* 8100076	FRONTIERSMAN	811210	SEED RESEARCH INC.	(3)
'FRONTIERSMAN' IS MOST SIMILAR TO 'TRIUMPH 64'; HOWEVER, 'FRONTIERSMAN' IS 15 CM SHORTER THAN 'TRIUMPH 64' (83 VS 98 CM) AND 'FRONTIERSMAN' HAS BROWN GLUMES, WHEREAS THE GLUMES OF 'TRIUMPH 64' ARE WHITISH YELLOW.					
WHEAT, DURUM	* 8000100	ALDURA	811119	NORTHROP KING CO.	(3)
'ALDURA' MOST CLOSELY RESEMBLES 'PRODURA'; HOWEVER, 'ALDURA' HAS WHITE AWNS AND GLABROUS GLUMES, WHEREAS 'PRODURA' HAS BLACK AWNS AND PUBESCENT GLUMES. AMONG WHITE AWNED VARIETIES 'ALDURA' MOST CLOSELY RESEMBLES 'MEXICALI 75', BUT 'ALDURA' HEADS 3 TO 7 DAYS LATER THAN 'MEXICALI 75'.					

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UNITED STATES DEPARTMENT OF AGRICULTURE  
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